

VENEROVSKIY, D.N.: ~~PURTO, V.M.~~

Excitation of millimicrosecond pulses by means of oscillator
travelling-wave tubes. Radiotekh. i elektron. 3 no.11:
1404-1405 N '58. (MIRA 11:11)
(Traveling-wave tubes)

PURTOV, A.

Device for the boring of transmission case body. Tekh. sov.
kolkh., RTS, sovkhoz. 20 no.23:4-6 D.'59.

(MIRA 13:3)

(Drilling and boring) (Tractors--Transmission device)

PURTOV, A., podpolkovnik.

About visual aids in exercises on tactics. Voen.vest. 34 no.10:76
O '54. (MIRA 10:10)

(Military education)

PURTCV, G. M., Cand Agr Sci -- (diss) "Growing conditions and some procedures in the agrotechnology of clover-timothy mixtures in the Khanty-Mansiyskiy National Area." Leningrad-Pushkin, 1960. 16 pp; (Ministry of Agriculture RSFSR, Leningrad Agricultural Inst); 250 copies; price not given; (KL, 17-60, 164)

L 30706-66 EWF(c)/EWP(k)/EWA(c)/EWT(d)/EWT(m)/EWF(h)/ETC(m)/EWP(b)/T/EWF(1)/EWP(v)/
ACC NR: AT5028940 SOURCE CODE: UR/0000/63/000/000/0013/0022

EWP(t) WW/JD/HW

AUTHOR: Purtov, S. G.

ORG: none

TITLE: Economic effectiveness of using isotopic instruments for measuring the thickness of cold rolled sheet metal

SOURCE: Vsesoyuznyy seminar po primeneniyu radioaktivnykh izotopov v izmeritel'noy tekhnike i priborostroyenii. Frunze, 1961. Radioizotopnyye metody avtomaticheskogo kontrolya (Radioisotope methods of automatic control); trudy rasshirennogo soveshchaniya, v. 1. Frunze, Izd-vo AN KirgSSR, 1963, 13-22

TOPIC TAGS: cold rolling, radioisotope, sheet metal

ABSTRACT: The paper describes experience with contactless isotopic instruments made and used at the Zaporozhtal' and Krasnyy vyborozhets plants, Magnitogorsk Metallurgical Combine, Novosibirsk Metallurgical Plant, Leningrad Steel Rolling Plant, etc. The application gages based on radioactive isotopes in place of manual and contact micrometers shortens inspection time, reduces rejects by 1.5-7.0%, increases output by 1-5%. Production cost dropped owing to a 1-4% increase in labor pro-

Cord: 1/2

GLAGOLEVA, L.A., kand. tekhn. nauk, dots.; PROSKURNIAKOV, A.V., kand. tekhn. nauk, dots.; IPATOV, M.I., kand. tekhn. nauk, dots.; RAZUOV, I.M., prof., doktor ekon. nauk; FURTOV, S.G., inzh., starshiy prepodavatel'; MURAV'YEV, M.S., kand. tekhn. nauk, dots.; GRACHEVA, K.A., kand. tekhn. nauk, dots.; KOMAROV, F.V., inzh., retsenzent; TOBIAS, D.A., kand. tekhn. nauk, red.; SALYANSKIY, A.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Problems for the course in the organization and planning of machinery plants] Sbornik zadach po kursu organizatsii i planirovaniia mashinostroitel'nykh predpriatii. Pod red. I.M.Razumova, L.A.Glagolevoi. Moskva, Mashgiz, 1962. 261 p.

(MIRA 15:12)

(Machinery industry)

MURTON, T.

Pechora serves the country. Pech. transp. 23 no.10:6-7 0 164.
(MIRA 17:12)

1. Nachal'nik Pechorskogo parokhodstva.

PURTOV, V.

With champions of the Spartakiada. Grazhd.av. 18 no. 4:32 '61.
(MIRA 14:4)

(Aeronautics--Competitions)

NOVIKOVA, V.N.; BURIGVA, I.V.; KROKS, E.I.

Reproduction of leptospirosis in animals by means of enteral
infection. Trudy TomNIIVS 14:86-88 '63. (MIRA 17:7)

1. Kafedra mikrobiologii Tomskogo meditsinskogo instituta i
Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok.

ALFEROV, B.A.; PURTOVA, S.I.; SEREBRYAKOVA, Z.D.; YASTREBOVA, T.A.;
DROBYSHV, D.V.; prof., red.; SVERCHKOV, G.P., nauchnyy red.;
NEVEL'SHTEYN, V.I., vedushchiy red.; MITROPANOVA, G.M., tekhn.red.

[Key wells of the U.S.S.R.; Uvat key well (Tyumen' Province)]
Opronye skvazhiny SSSR; Uvatskaia opornaia skvazhina
(Tiumenskaia oblast'). Leningrad, Gos.nauchno--tekhn.izd-vo
neft.i gorno--toplivnoi lit-ry Leningr.otd-nie, 1961. 90 p.
(Leningrad. Vsesoiuznyi neftianoi nauchno--issledovatel'skii
geologorazvedochnyi institut. Trudy, no.178). (MIRA 15:4)
(Uvat region--Petroleum geology)
(Uvat region--Gas, Natural--Geology)

PURTS, G.I.

Coagulation of sodium xanthate of cellulose. Khim. volok. no.6:
37-40 '64. (MIRA 18:1)

1. Nauchno-issledovatel'skiy institut voloknistykh materialov
Akademii nauk Germanskoy Demokraticheskoy Respubliki, Berlin.

DURMISHIDZE, S.V.; PURTSELADZE, D.L.; BUACHIDZE, G.S.[translator];
TSERETELI, G.V., red.; NINUA, K.V., red.izd-va;
DZHAPARIDZE, N.A., tekhn. red.

[Academy of Sciences of Georgia] Akademiia nauk Gruzinskoi
SSR. Academie des sciences de la R.S.S. de Georgie. Tbilisi.
1962. 70 p. (MIRA 16:10)

1. Akademiya nauk Gruzinskoy SSR, Tiflis.
(Academy of Sciences of Georgia)

1. PTSELADZE, D. L.

1A 2/4975

USSR/Academy of Sciences

Jun 48

"Academy of Sciences of the Georgian SSR,"
D. L. Putseladze, 4 pp

"Priroda" No 6

Institution became operative 10 Feb 41 as
result of a decree of the Council of People's
Commissars. Discusses departmental organi-
zation of this Georgian affiliate of Acad
Sci USSR, some of the personnel, and fields
in which research is conducted.

FDB

2/4975

USSR/Chemical Technology -- Chemical Products and Their Application. Nitrogen Industry, I-3

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1389

Author: Purtseladza, Kh. G., Dzhikiya, S. I., Krumidze, Z. A., and Chkoniya, T. K.

Institution: Institute for Metals and Mining of the Georgian Academy of Sciences

Title: Absorption of Nitrogen Oxides by Manganese Hydroxide

Original

Periodical: Tr. In-ta metalli i gorin. dela AN GruzSSR, 1956, Vol 7, 239-247

Abstract: The results from laboratory experiments on the absorption of nitrogen oxides at concentrations of $\sim 0.3\%$ and room temperature in Mn-ores (manganese sponge, manganese carbonate, and pyrolusite) and paste-like $\text{Mn}(\text{OH})_2$, containing up to 65% water (with the addition of wood shavings to reduce the resistance), have shown that manganese ores quickly become deactivated; $\text{Mn}(\text{OH})_2$ was the only compound tested which proved suitable for the absorption of nitrogen oxides. The $\text{Mn}(\text{OH})_2$ can be regenerated from the $\text{Mn}(\text{NO}_3)_2$ by the action of

Card 1/2

USSR/Chemical Technology -- Chemical Products and Their Application. Nitrogen
Industry, I-3

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1389

Abstract: NH_4OH ; as an alternate method, activated MnO_2 or Mn concentrates
can be obtained by the thermal dissociation of the nitrate.

Card 2/2

PURTSELADZE, G.A.

Peasant land reform in Imeretiya and Guriya (Kutaisi
Government). Soob. AN Gruz. SSR 31 no. 3:765-772
S '63. (MIRA 17:7)

PURTSELADZE, I.; KHRUSTALEV, V.

We have no accidents. Za rul. 18 no.10:17 0.160. (MIRA 14:1)
(Dubny---Traffic safety)

L 8589-66

EWT(m)/EWG(m)/T/EWP(b)/EWA(m)-2/EWP(t)/EWT(1) IJP(c, AT/WM/JD/GG/RDV

ACCESSION NR: AP5019900

UR/0181/65/007/008/2573/2575

AUTHOR: ^{44, 55} Dzhanelidze, R. B.; ^{44, 55} Purtseladze, I. M.; ^{44, 55} Khitarishvili, L. S.; ^{44, 55} Chikovani, R. I.; ^{44, 55} Shkol'nik, A. L.

TITLE: Certain optical and photoelectric properties of molybdenum trioxide

SOURCE: Fizika tverdogo tela, v. 7, no. 8, 1965, 2573-2575

TOPIC TAGS: molybdenum compound, light absorption, absorption edge, electron capture, crystal lattice vacancy, photoelectric property

ABSTRACT: In view of the scarcity and contradictory nature of data on MoO₃, due for the most part to the difficulty of obtaining sufficiently large samples, the authors have produced large samples ((15--50) x (1--6) x (0.05--0.5) mm) of MoO₃ single crystals, whose optical-absorption spectra were investigated with allowance for reflection. The crystals exhibited strong absorption (350 nm and shorter wavelengths). The absorption edge shifted somewhat with increasing temperature toward the long-wave region. The results are shown in Fig. 1 of the Enclosure and are interpreted from the point of view of the level scheme of the electronic transitions shown in Fig. 2 of the Enclosure. In particular, the peaks near 350 and 900 nm, which can be appreciably strengthened or reduced by different treatments, are attributed to the presence of oxygen vacancies, capable of capturing one or two

Card 1/3

L 8589-66

ACCESSION NR: AP5019900

electrons. "The authors thank I. A. Mirtskhylava for interest in the work." Orig.
art. has: 2 figures. 44.55 44.55 6

ASSOCIATION: Tbilisskiy gosudarstvennyy universitet (Tbilisi State University)

SUBMITTED: 13Apr65

ENCL: 01

SUB CODE: SS

NR REF SOV: 005

OTHER: 001

Card 2/3

L 8589-66

ACCESSION NR: AP5019900

ENCLOSURE: 01

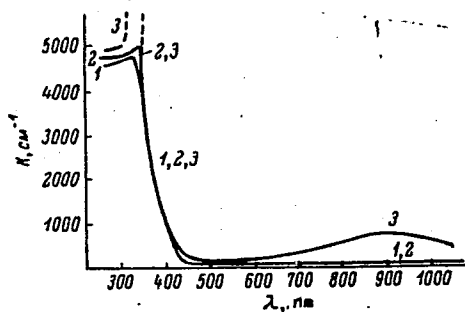


Fig. 1. Absorption spectra of single-crystal MoO_3 .

1 - Before irradiation, 2 - after x-irradiation, 3 - after neutron bombardment

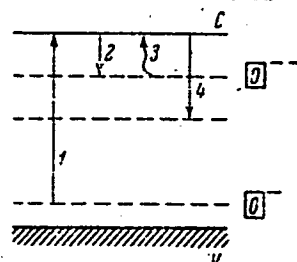


Fig. 2. Scheme of electronic transitions

jw

Card 3/3

LEONID KADAN, Kh.G., CHACHNIDZE, I.P.

Some physicochemical properties of carbonate slimes. Trudy
Inst. prikl. khim. i elektrokhim. AN Gruz. SSR 4:113-119 '63.
(MIHA 17:5)

PURTSSELADZE, KH. G.

11

PHASE I BOOK EXPLOITATION

SOV/3277

Akademiya nauk Gruzinskoy SSR. Institut prikladnoy khimii i elektro-
tekhniki.

Trudy, t. 1 (Academy of Sciences of the Georgian SSR. Institute of Applied
Chemistry and Electrochemistry. Transactions) v.1. Tbilis, 1960.
186 p. Errata slip inserted.

Personalities cannot be established in Georgian writing.

PURPOSE: This collection of articles is intended for mineralogists; metal-
lurgists, and mining specialists.

COVERAGE: The collection contains articles concerning recent research on
methods for treating antimony- and arsenic-bearing ores and carbonate
ores of manganese. Research on the electrochemical properties of certain
ores and their electrodeposition is also discussed. The collection includes

Card ~~4-5~~

12

Institute of Applied Chemistry (Cont.)

SOV/5377

studies on the corrosion and electrical properties of certain alloys, studies of the properties of certain cements and cement components, and studies of certain phases of the cement production process. The following personalities are mentioned: Professor N. A. Nigurovskiy and his scientific assistant T. B. Gavrilova (p. 116, bottom); R. I. Agladze, Academician, AN GSSR (AS Georgian SSR) (p. 150); S. D. Dzhabaridze and N. I. Lagidze (p. 171). The articles which are written in Georgian are followed by a résumé in Russian. References accompany each article.

TABLE OF CONTENTS:

1. Kakabadze, V. [Printed in Georgian] 3
2. Agladze, R. I., and V. N. Gaprindashvili. Hydrometallurgical Processing of Antimony Ores From the Zopkhitskiy Deposit 49

Card 2/5-

Institute of Applied Chemistry (Cont.)

SOV/5277

9. Purtseladze, Kh. G. , G. D. Chachanidze, and A. A. Tivadze.
Determination of the Dimensions of Particles of Certain
Products From the Chemical Treatment of Carbonate Ores
of Manganese 117
 10. Agladze, R. I. , V. N. Gaprindashvili, and S. N. Basmanova.
Production of Arsenic Trisulfide 125
 11. Gaprindashvili, V. N. Problems in the Cementation of
Antimony From Alkali-Sulfide Solutions 131
 12. Gongliashvili, A. N. Some Problems in the Electrodeposition
of Iron From Sulfuric-Acid Solutions 139
 13. Gogicheva, Kh. I. , and R. A. Pirumova. Investigation to De-
velop a Method for Producing Caustic Dolomite from Regional
Dolomite 153
- Card 4/5

PURTSELALZE, Kh.G.; CHACHANIDZE, G.D.; TOPURIYA, Z.M.; Prinimali uchastiye:
SHOSHIASHVILI, E., laborant; KIREULISHVILI, M., laborant

Thermal dissociation of manganese dioxide obtained from poor
carbonate ores. Trudy Inst. prikl. khim. i elektrokhim. AN Gruz.
SSR 2:31-41 '61. (MIRA 16:8)

(Manganese oxide)

o

PURTSELADZE, Kh.G.; CHACHANIDZE, G.D.

Centrifugation of suspensions and pulps obtained in nitric acid
treatment of manganese carbonate ores. Trudy Inst. prikl. khim.
i elektrokhim. AN Gruz. SSR 2:43-50 '61. (MIRA 16:8)

(Manganese ores) (Centrifugation)

PURTSELADZE, Kh.G.; TOPURIYA, Z.M.

Some physicochemical properties of fertilizers produced as a
result of the nitric acid treatment of manganese carbonate ores
from Chiatura deposits. Trudy Inst. prikl. khim. i elektrokhim.
AN Gruz. SSR 2:51-59 '61. (MIRA 16:8)

(Fertilizers and manures)
(Manganese ores)

PURTSELADZE, K.K.; CHACHANIDZE, G.D.; TIVADZE, A.A.

Determination of the particles size of some products from the
chemical processing of manganese carbonate ores. Trudy Inst.
prikl. khim. i elektrokhim. AN Gruz. SSR no. 1:117-123 '60.

(Manganese ores)

(MIRA 14:2)

MANDZHAVIDZE, Z.Sh.; ROYNISHVILI, N.N.; GERSAMIYA, D.V.; KOZLOV, A.A.;
KOTLYAREVSKIY, D.M.; PURTSHELADZE, T.D.; TATALASHVILI, N.G.;
SHTEMANETIAN, G.Z.

Lifetime of charge $\sum^{\dagger}$ hyperons. Trudy Inst.fiz.AN Gruz.SSR
8:125-129 '62. (MIRA 16:2)
(Hyperons)

PURTSSEV, N.D., ministr svyazi Soyuza SSR.

Tasks of Soviet communication men for 1954. Vest.sviazi 14 no.1:
1-2 Ja '54. (MLRA 7:5)
(Telecommunication)

L 45259-65 EEC(b)-2/EEC(k)-2/EWA(h)/EWT(1)/T ^{Pa-4/Pz-6/Pe-6} IJP(c) AT
 ACCESSION NR: AP5010102 UR/0109/65/010/004/0700/0702

AUTHOR: Partskhvanidze, A. A.; Stafeyev, V. I. 36

TITLE: Controlling the current of a four layer structure by a field in the base region

SOURCE: Radiotekhnika i elektronika, v. 10, no. 4, 1965, 700-702

TOPIC TAGS: ²⁵four layer transistor, semiconductor, N transistor

ABSTRACT: A new N-transistor (see Fig 1 of the Enclosure) ²¹with two collector contacts is investigated. The test devices were prepared from p-Ge having a resistivity of 5 ohm-cm. The new device can be turned on by a positive voltage pulse of 0.2 v or higher, after which the conduction state remains. To turn the device off, a negative 0.2-v pulse is necessary. Separate input and output and switching of the device by an input-circuit signal are held as its advantages. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 24Feb64

ENCL: 01

SUB CODE: EC

NO REF SOV: 003

OTHER: 000

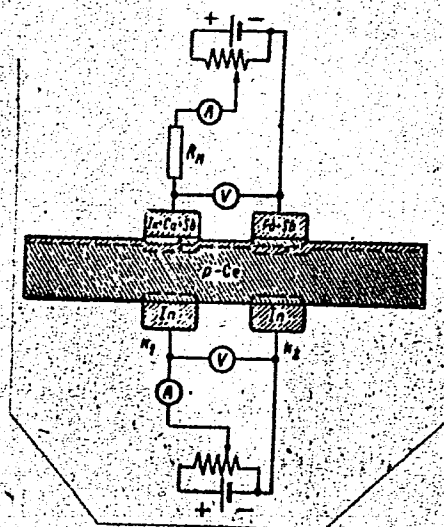
Card 1/2

L 45259-65

ACCESSION NR: AP5010102

ENCLOSURE: 1

A new N-transistor with two
current contacts and a
circuit for measuring
current-voltage characte-
ristics



BJB
Card 2/2

ACC NR: APY000001

SOURCE CODE: UR/0109/67/012/001/0109/0707

AUTHOR: Putsikhvanidze, A. A.; Stafeyev, V. I.

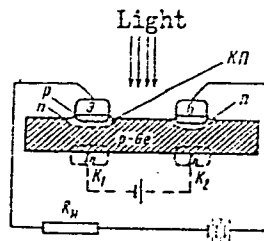
ORG: none

TITLE: Light controlled four-region structures

SOURCE: Radiotekhnika i elektronika, v. 12, no. 1, 1967, 165-167

TOPIC TAGS: NPNP device, ^{germanium} semiconductor ~~device~~, semiconductor research, *photosensitivity*

ABSTRACT: The results of experiments with light-controlled NPNP devices are reported. Unlike light-controlled Si-switches investigated by other researchers (e.g., E. K. Howell, Electronics, 1964, 37, 15, 15), the basic material used was p-Ge with a resistivity of 5 ohms-cm. Prepared by the conventional diffusion-and-alloy process, the 4-region experimental devices (see figure) could be illuminated on either side by a 10-w incandescent lamp held at a distance of 25 cm or more. It was found that: (1) The breakover voltage decreases with increasing illumination (V-I characteristic); a very small illumination is needed to switch the device at a near-breakover point; (2) Photosensitivity as high as 35 amp/lm was obtained;



Cord1/2

UDC: 621.383.52

ACC NR: AP7002681

maximum sensitivity was observed when the collector-junction area was illuminated; (3) A switching time of a few microseconds was attained when sufficient voltage and illumination were applied; (4) The photosensitivity and switching time also depend on the base-region field produced by applying a bias between K_1 and K_2 (see figure); a bias of 30 mv doubled the photocurrent. Orig. art. has: 3 figures and 1 formula.

SUB CODE: 09 / SUBM DATE: 08Jun65 / ORIG REF: 002 / OTH REF: 006

Card 2/2

L 10233-66 EWT(1)/EWT(m)/I/EWP(t)/EWP(b)/EWA(h) LJP(c) JD/AT

ACC NR: AP6000569

SOURCE CODE: UR/0109/65/010/012/2262/2264

AUTHOR: Purtskhvanidze, A. A.; Stafeyev, V. I.

ORG: none

TITLE: Current-voltage characteristics of 4-region structures with two segments of negative resistance

SOURCE: Radiotekhnika i elektronika, v. 10, no. 12, 1965, 2262-2264

TOPIC TAGS: semiconductor device, semiconductor research

ABSTRACT: An experimental investigation of the relations between the gain α , the spreading resistance, and the I-V characteristic of a nonuniform large-area p-n junction is reported. A special p-Ge (2 x 2 mm, 0.3-mm thick, 5-ohm-cm) double 4-region structure, (see Fig. 1); with a common emitter n-region and common base p-region was prepared and tested. The I-V characteristics of separate structures

Card 1/4

UDC: 621.382.13

L 10233-66

ACC NR: AP6000569

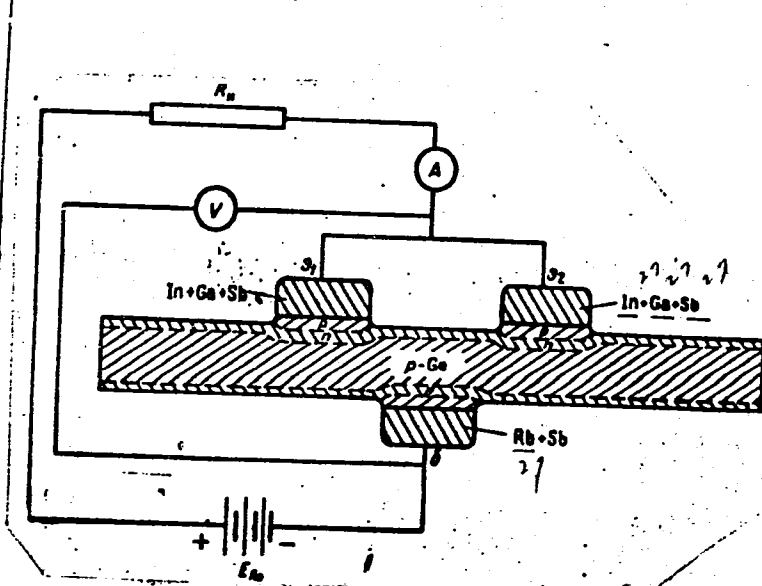


Fig. 1. Double 4-region structure

Card 2/4

L 10233-66

ACC NR: AP6000569

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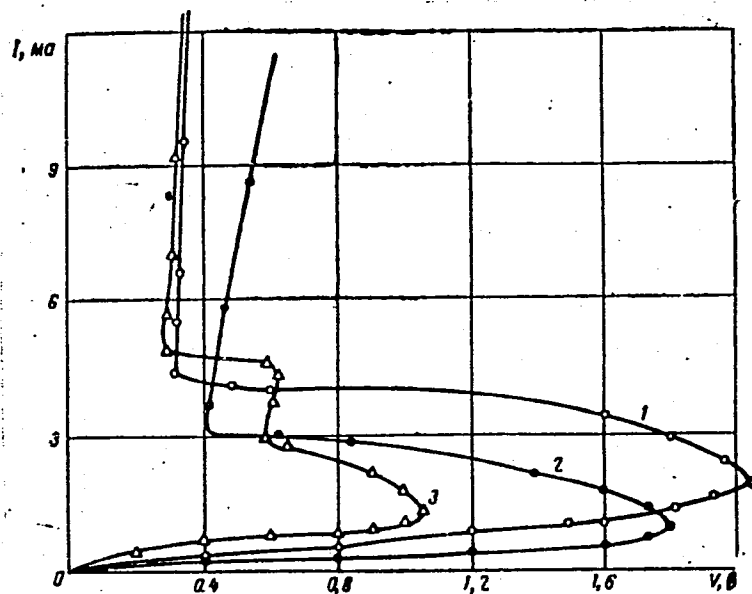


Fig. 2. I-V characteristics

1 and 2 - Individual emitters;
3 - both emitters connected
in parallel.

Card 3/4

L 10233-66

ACC NR: AP6000569

have a conventional single-negative-resistance-segment shape. With both structures in parallel, two segments of negative resistance appear, (see Fig. 2). Orig. art. has: 2 figures. [03]

SUB CODE: 09/ SUBM DATE: 07Dec64/ ORIG REF: 006/ OTH REF: 003/ ATD PRESS:

4163

PURSHEV, F.I.

Results of treating phlyctenar eye diseases with para-aminosalicylic
acid. Vest.oft. 69 no.6:41 N-D '56. (MIRA 10:2)
(EYE--DISEASES AND DEFECTS) (SALICYLIC ACID)

PURTSHVANIDZE, A. V.

Orbits

Approximation formula for computing the relation of areas of an elliptical sector and a triangle. Biul. Inst. teor. astron. 5, no. 4, 1952

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

1. "Kosmos 1111", A. I.

2. "Kosmos 1111"

"Calculation of the area ratio: 'elliptic sector' .
'corresponding triangle (in orbits)', " Astron. Zhur.,
17, No 1, 1940. Khabarov Pedagogic Institute.

3. "Report U-1611, 2", Oct 1951

PURTSHEVNIKIDZE, Ch.G., Cand Med Sci--(disc) "Expectation of blood
in pulmonary hemorrhages in pulmonary tuberculosis patients. (Clini-
nico-morphological study)." Mos, 1958. 20 pp (Acad Med Sci USSR),
200 copies (K1,22-18,115)

PURTSKHAVANIDZE, Ch.G.

Experimental isolated cavernous pulmonary tuberculosis in dogs.
Eksper. khir. i anest. 8 no.3:49-52 My-Je '63 (MIRA 17:1)

1. Iz Tsentral'nogo instituta tuberkuleza Ministerstva zdra-
vookhraneniya SSSR i Respublikanskogo instituta tuberkuleza
Ministerstva zdravookhraneniya Gruzinskoy SSR (konsul'tant-
doktor meditsinskikh nauk M.M.Averbakh).

FURTSKHAVANIDZE, Ch.G. (Moskva)

Involution of cavernous pulmonary tuberculosis in dogs
following chemotherapy. Arkh. pat. no.11:47-52 '64.

(MIRA 18:11)

1. Tsentral'nyy institut tuberkuleza (direktor - deystvitel'nyy
chlen AMN SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya
SSSR i Respublikanskiy nauchno-issledovatel'skiy institut
tuberkuleza (direktor - kand. med. nauk O.G. Batiashvili,
Ministerstva zdravookhraneniya Gruzinskoy SSSR (konsul'tant
doktor med. nauk M.M. Averbakh).

PURTSKHAVANIDZE, Ch.G.

Hemoptysis and hemorrhage in pulmonary tuberculosis during recent years [with summary in French]. Probl.tub. 35 no.5:48-50 '57.

(MIRA 10:11)

1. Iz pervogo terapevticheskogo otdeleniya (zav. - prof. D.A.Manucharyan [deceased]) Moskovskoy gorodskoy tsentral'noy klinicheskoy tuberkuleznoy bol'nitsy (zav. - prof. V.L.Kynis) (TUBERCULOSIS, PULMONARY, statist. hemophthesis & pathol.)

PURTSVANIDZE, Ch.G.; TUGANOVA, V.Ye.

Closed cavities during prolonged antibacterial therapy under
infirmary conditions. Probl.tub. 38 no.4:41-46 '60. (MIRA 14:5)

(TUBERCULOSIS)

1ST AND 2ND ORDERS																										PROCESSES AND PROPERTIES INDEX																									
Changes in turbidity during the flocculation of manganese dioxide sols by various sulfide solutions. <i>Kolloid-Z.</i> 80, 361-6 (1939); <i>Abhandl. Physik. Chem.</i> 1939, 361-6 (1939); <i>C. A.</i> 33, 914. The change in turbidity caused by the addition of various concns. of H_2SO_4 to an MnO_2 sol was followed in a Duboucq colorimeter. The turbidity changes were "sudden," i. e., discontinuous during the flocculation period; this effect was more pronounced at the slower rates of flocculation. In contrast with normal flocculation processes (using $NaCl$), the turbidity caused by H_2SO_4 decreased during the flocculation of the MnO_2 sol. S. I. Aronovsky																																																			
A 54 31.4 METALLURGICAL LITERATURE CLASSIFICATION																										1ST AND 2ND ORDERS																									
1ST AND 2ND ORDERS																										1ST AND 2ND ORDERS																									

KIRSANOVA, G.A.; PURUSOVA, G.A.; BELITSIN, M.N., inzh.; VOLKOVA, N.A.,
inzh.

Assortment of synthetic fibers. Khim.volok. no.6:78 '59.
(MIRA 13:5)

1. Klinskiy kombinat iskusstvennogo kombinata.
(Textile fibers, Synthetic--Congresses)

PIRUSOVA, G.A.; NCVIKOVA, A.V.

News review. Khim. volok. no.1:77-79 '62.

(MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.

BIRGER, G.Ye.; IVANOVA, Ye.P.; KIRSANOVA, G.A.; KOCHETKOV, L.M.;
NOVIKOVA, N.D.; PURUSOVA, G.A.

Labor productivity in synthetic fiber factories. Khim.volok.
no.1:40-43 '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.

(Textile fibers, Synthetic)
(Textile factories--Labor productivity)

PURUSOVA, G.A.

Problem of the economic advantage of the continuous method in the
manufacture of viscose silk. Khim. volok. no.2:68-69 '59.
(MIRA 12:9)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.

(Rayon)

L 35078-65 EPT(c)/EPT(n)-2/EPR/EPA(s)-2/EPA(w)-2/EWT(m)/EPA(bb)-2/EWP(b)/T/EWA(g)/
EWP(e)/EWP(v)/EWP(t) Pr-L/PS-L/Pt-10/Pu-L/Pa5-10 IJP(c) WH/WW/MJW/

ACCESSION NR: AR5006356

JD/JG

S/0081/64/000/024/K013/K013

SOURCE: Ref. zh. Khimiya, Abs. 24K81

AUTHOR: Purusova, T. N.; Dudarov, G. N.

TITLE: Refractory zirconium metal coatings based on aluminum-phosphate bonding

CITED SOURCE: Tr. Mosk. khim.-tekhnol. in-ta im. D. I. Mendeleeva, vyp. 46, 1964, 63-69

TOPIC TAGS: refractory coating, anticorrosion, anti-erosion, phosphate coating, aluminum coating, grease

TRANSLATION: Types of starting materials for producing greases to protect metals from corrosion and erosion caused by high-temperature, high-velocity gas flows were studied. The H₂O-soluble acid aluminum phosphates possess binding properties which, in the final analysis, are converted into the basic phosphate, AlPO₄, during heat treatment. The conversion mechanisms of the acid phosphates are essentially different and depend on the type of acid phosphate. Coating properties depend on the type and quantity of the phosphate binder and on the method of preparation. Ready-made acid phosphate binders offer higher tensile indexes and required a lower poly-

Card 1/2

L 35078-65

ACCESSION NR: AR5006356

merization temperature as compared with mechanical mixtures of $\text{Al}(\text{OH})_3$ and H_3PO_4 .
The optimum coatings for 1Kh18N9T steel are produced by applying 20-25% phosphate
binder having an $\text{Al}(\text{OH})_3$ -to-acid ratio of 1:4.2. I. Potapov

SUB CODE: MM

ENCL: 00

Card 2/2

PURVANECKIENE, B.

Treatment of tuberculous bronchoadenitis with antibacterial preparations in combination with neoberzinol. Sveik. apsaug. 8 no.8:14-19 Ag'63.

1. Vilniaus Valst. V.Kapsuko v. universiteto Medicinos fakultetas.

*

PURVANECKIENE, B., aspirante

Changes of the reactivity of the organism during the treatment of pulmonary tuberculosis with antibacterial preparations in combination with neobenzinol. Sveik. apsaug. 7 no.3(75):3-7 Mr '62.

1. Vilniaus Valstybinio V. Kapsuko v. universiteto Medicinos fakultetas
Mokslinis vadovas - doc. J. Runkevicius.

(ANTITUBERCULAR AGENTS ther)
(MUSCLE RELAXANTS ther)

TIMOFEYEVA, Ye.G.; KALINICHENKO, I.I.; NIKITIN, V.D.; PURTOV, A.I.

Conditions for the preparation of lead metavanadate. Zhur.
neorg.khim. 5 no.5:1168-1170 My '60. (MIRA 13:7)

1. Ural'skiy politekhnicheskiy institut im. S.M.Kirova i
Sverdlovskiy zavod "Khimicheskiye reaktivy."
(Lead vanadate)

PURVANIDZE, E.M., prepodavatel'; TSVETKOV, V.N., kand. tekhn. nauk, dotsent

New developments in shoe design and construction. Nauch. trudy
MTILP no.24:100-112 '62. (MIRA 16:7)

(Shoe manufacture)

B. PUTANOV.

"The Business Manager Must know his District." p. 19 (Narodna Kooperatsiia,
No. 1, Jan, 1953, Sofiya.)

Vol. 2, no. 9

SO: Monthly List of East European Accessions./Library of Congress, Sept 1953, Uncl.

PURVANOV, Milcho, inzh.

Construction of the largest railroad bridge in Bulgaria.
Stroitelstvo 10 no.3: .29-31 '63.

PURVANOV, P.

Automatic radio compass. p. 43.

(RADIO I TELEVIZIJA, Vol. 6, no. 6, 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

PARMAKOV, D.; PURVANOV, P.

Studies of the conditions for a safe electric threshing. Izv
mekh selsko stop BAN 1:161-176 '61.

REPLYING, C.

The radio in civil aviation. p. 1.

RADIO. Vol. 5, no. 2, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

ZAIMOV, K.; LEHMANDELYEVA, TS.; PURVANOVA, TS. [Purvanova, TS.];
DABCHEV, P.

Seasonality of some phases of manic-depressive psychosis.
Zhur. nevr. i psikh. 65 no.1:98-100 '65. (MIRA 18:2)

1. Kafedra psikiatrii (zaveduyushchiy -- akademik G. Uzunov)
Vysshego meditsinskogo instituta i Gorodskoy psikhonevrologicheskoy
dispanser (glavnyy vrach L. Kretev), Sofiya.

PURVINAS, E.

The role of the convexity of the upper swamps of the Lithuanian SSR in determining their types.

P. 89, (Liethuvos TSR Mokslu akademija. Geologijos ir geografijos institutas. MOKSLUNIAI PRANFSIMAL. Vol. 1, 1955, Vilnius, Lithuania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1956

15-57-1-799

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,
p 125 (USSR)

AUTHOR: Purvinas, E.

TITLE: Scheuchzeria Peat and Deposits of It in the Swamps of
Lithuania (Sheykhtseriyevyye torfa i ikh mestoro-
zhdeniya v bolotakh Litovskoy SSR--in Lithuanian)

PERIODICAL: Tr. AN LitSSR, 1956, B2, pp 95-104.

ABSTRACT: In Lithuania it has been shown that there is
disagreement between the quantity of Scheuchzeria
(S. palustris L.) in modern plants in peat bogs and the
quantity forming the peat. Scheuchzeria is most
abundantly distributed in the upper part of the swamps;
it is less abundant in areas of damp ground, entirely
absent in swamps of the transitional type, and almost
absent in the lower parts of swamps. Scheuchzeria is
widespread in peat in layers and serves as a strati-
graphic marker. The fluctuation in the amount of
Scheuchzeria in fossil peat indicates transgressive

Card 1/2

15-57-1-799

Scheuchzeria Peat and Deposits of It in the Swamps (Cont.)

and regressive sequences, manifested by fluctuations of the level in lakes and swamps. An increase in Scheuchzeria also points to an accumulation of peat in an environment of increasing acidity. At present, because of destruction of plants and overgrowth in the swamps, the quantity of Scheuchzeria has decreased.

Card 2/2

M. Ye. G.

BAGDONAITE, A.; GALINIS, V.; JANKEVICIENE, R.; LEKAVICIUS, A.;
NATKEVICAITE-IVANAUSKIENE, M.; PIPINYS, J.; ~~PURVINAS, E.~~
RIBOKAITE, R.; SNARSKIS, P.; STANCEVICIUS, A.; SARKINIENE, I.;
ZIEMYTE, E., red.; ANAITIS, J., tekhn. red.

[Flora of the Lithuanian S.S.R.] Lietuvos TSR flora. Autoriu
kolektyvas: A. Bagdonaite ir kiti. Vilnius, Valstybine politi-
nes ir mokslines literaturos leidykla. Vol.2. 1963. 714 p.
(MIRA 16:9)

1. Lietuvos TSR Mokslu Akademija, Vilna. Botanikos institutas.
(Lithuania--Angiosperms)

PURVITAS, E. : ~~REDACTED~~, H.

GEOGRAPHY & GEOLOGY

MOKSLEINIAI PRANESEIMAI.

PURVITAS, E: GRIGALYTE, M. Peat species and stratification of peat layers
in northwestern districts of the Lithuanian
SSR. P. 143.

Vol. 6, 1958.

Monthly List of East European Accession (EEAI) LC Vol. 8, No. 3
March 1959, Unclass.

PURVINAS, E.; SEIBUTIS, A.

Basic bog areas of Lithuanian SSR.

p. 127 (Lechemas, Gersonas) No. 2, 1957, Vilnius, Lithuania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

SAKS, G.; ZAK, A.[Zaks, A.], red.; PURVIN'SH, Kh.[Purvins, H.], red.;
AYZUPIYETE, M.[Aizupite, M.], tekhn. red.

[Zemgale; tourist routes] Zemgale; turistskie marshruty. Riga,
Latviiskoe gos.izd-vo, 1958. 181 p. (MIRA 14:12)
(Zemgale--Guidebooks)

PURVIN'SH, V.A. [Purvins, V.]

Construction of housing and public service facilities. Energ.-
stroil. no.24:101-102 '61. (MIRA 15:4)

1. Nachal'nik Stroitel'nogo uchastka Pribaltiyskoy gosudarstvennoy
rayonnoy elektrostantsii.
(Narva region--Employees' buildings and facilities)

SHCHUKAREV, S.A.; STROGANOV, Ye.V.; ANDREYEV, S.N.; PURVINSKIY, O.F.

Crystal structure of the crystal hydrates of transition metal
salts. Structure of $\text{CoI}_2 \cdot 6\text{H}_2\text{O}$. Zhur.strukt.khim. 4 no.1:63-66
Ja-F '63. (MIRA 16:2)

1. Leningradskiy gosudarstvennyy universitet.
(Cobalt iodides) (Crystallography)

L 59555-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AR5012847

UR/0137/65/000/003/G043/G043

SOURCE: Ref. zh. Metallurgiya, Abs. 3G266

AUTHOR: Pokrovskiy, V. V.; Arzamastsev, Yu. S.; Purvinskiy, O. F.

TITLE: Production of pure intermetallic compounds of tin and iron

CITED SOURCE: Uch. zap. Tsentr. n.-i. in-t olovyan. prom-sti, no. 2, 1964, 44-45

TOPIC TAGS: intermetallic compound, tin compound, iron compound, gartling, tin plating, plating, electrolysis, electrolyte, sulfuric acid

TRANSLATION: An electrolytic method was adopted for production of FeSn_2 . Starting material was the so-called "gartling" which is a waste product of the hot tin plating of iron sheets; it consists of crystals of FeSn_2 cemented with tin. Its chemical composition is 84.92% tin, 15.05% iron, and 0.03% other materials. A bar of "gartling" served as the anode, and an iron sheet as the cathode. $D_k = 600 \text{ a/m}^2$, D_a is a variable quantity which increases continually. The electro-

Card 1/2

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ACCESSION NR: AR5012847

lyte was a solution of sulfuric acid (70 grams/ liter) with additions of joiner's glue (1 gram/liter) and beta naphthol (1 gram/liter). Crystalline FeSn_2 fell out on the bottom of the bath, not mixing with the cathode residue. The intermetallic compound obtained was a dark gray crystalline powder. Its tin content was 78.6%. X-ray and chemical analyses confirmed that a sufficiently pure preparation can be obtained by the electrolytic method (97.1 of the basic substance, FeSn_2).
G. Svodtseva

SUB CODE: MM

ENCL: 00

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2/2

PURVU, I.

"Years of Peace, Happiness, and Long Life." p. 35,
(KOOPERATIVNO ZEMEDELIE, Vol. 9, No. 12, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

PURVULOV, B.

PURVULOV, B. Correct utilization of materials, a factor for reduction of production cost. p.7.

Vol. 4, no. 11, 1955
TEZHKA PROMISHLENOST
TECHNOLOGY
Sofiya, Bulgaria

So: East European Accessions, Vol. 5, no. 5, May 1956

PURVULOV, Boris, dots., kandidat na ikonomicheskiye nauki

Organization of management and increased labor productivity
in industrial enterprises. Trud tseni 5 no.6:41-53 '63.

PURVULOV, BORIS

"Vuprosi na materialno-tekhnikeskoto snabdiavane na promishlenostta v Bulgariia. Sofiia, Nauka i izkustvo, 1957. (Questions on the supply of technical materials for Bulgarian industry. bibl., diags., footnotes, forms, tables.)

p. 165 (Sofiia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, VOL. 7, No. 8, August 1958

PROZOROVSKAYA, Ye.L.; PURYATINSKIY, B.G.; PROZOROVSKIY, V.A.

Conglomerates from border Jurassic and Cretaceous horizons in
the Greater Balkhan Range. Vest.LGU 15 no.12:138-141 '60.
(MIRA 13:6)

(Balkhan Range--Conglomerate)

S/019/62/000/008/080/121
A154/A126

24,3300

AUTHORS: Puryayev, D. T., Shapochkin, B. A.

TITLE: An interferometer

PERIODICAL: Byulleten' izobreteniy, no. 8, 1962, 59

TEXT: Class 42h, 34¹¹. No. 146529 (735758/26-10 of June 26, 1961). An interferometer differs from others in that, to permit control of hyperbolic and elliptic surfaces of revolution, the distance between back focus and center of curvature of the last semitransparent spherical surface of the lens is equal to a distance between the focuses of the surface of revolution being tested.

Card 1/1

PURYAYEV, D.T., inzh.

Deformation of the wave front in longitudinal defocusing for second-order reflecting surfaces of revolution. [Trudy] MYTU no.110:129-134 '62. (MIRA 16:6)

(Surfaces, Deformation of) (Achromatism)

PURYAYEV, D.T.

Interferometer for checking aspherical surfaces of revolution.
Izv.vys.ucheb.zav.; prib. 6 no.4:131-136 '63. (MIRA 16:8)

1. Moskovskoye ordena Lenina i ordena Trudovogo Krasnogo Znameni
vyssheye tekhnicheskoye uchilishche imeni N.E.Baumana.
Rekomendovana kafedroy prikladnoy optiki.
(Interferometer)

PURYGA, S.S., inzh.; ZELINSKAYA, Z.Ya., inzh.

Rapid firing of neutral refractories. Ogneupory 19 no. 3:135-138
'54. (MIRA 11:8)

1. Zavod im. 1 Maya.

(Refractory materials)

ZAICHENKO, A.R., inzh.; PURYGA, S.S., inzh.

Cooling discharge areas. Stroi. mat. 10 no.5:31-32 My '64.
(MIRA 17:9)

L 37794-66 EWT(d)/EWT(1)/BEC(k)-2/EWP(c)/EWP(v)/T/EWP(k)/EWP(1) IJK(c)
ACC NR: AP6028839 SOURCE CODE: UR/0237/66/000/004/0023/0029

AUTHOR: Puryayev, D. T.; Krivovvaz, L. M.; Kameneva, P. A.; Nikitin, S. V.;
Butenko, V. M. 49

ORG: none

TITLE: Interferometer for inspecting the quality of second order aspherical surfaces of revolution

SOURCE: Optiko-mekhanicheskaya promyshlennost', no. 4, 1966, 23-29

TOPIC TAGS: quality control, optic equipment component, optic instrument, industrial instrument, light reflection

ABSTRACT: The authors describe a Twyman interferometer with a modified working section consisting of the objective lens, the aspherical second order surface to be tested and a spherical mirror. The wave produced by reflection is deformed by four times the magnitude of distortion in the shape of the aspherical surface. The operating principle and optical system of the interferometer are described with the help of diagrams, and some of the design features are discussed. The instrument may be applied in theory to inspection of all types of second order surfaces, although it is basically designed for quality control of concave elliptical, hyperbolic and parabolic as well as convex hyperbolic surfaces. A table is given showing the limiting parameters of surfaces which may be inspected on this instrument. Tests of the experimental model indicate that work should be done on developing an instrument of this type for use under industrial conditions. Orig. art. has: 5 figures, 11 formulas and 1 table. JPRS: 36,5817

SUB CODE: 17, 05 / SUBM DATE: 20Apr65

Card 1/1 *ML*

UDC: 531.715.1

0917 2358

PURYGIN L Ye.
BABAYEV, V.G., inzhener, laureat Stalinskoy premii; PURYGIN, L.Ye., inzhener;
LORBERG, M.G., inzhener.

Experience in constructing underground parts of industrial buildings
by the caisson method. Stroi.prom. 33 no.3:20-24 Mr '55. (MIRA 8:5)

1. Trest Krivorozhstroy (for Babayev and Purygin).
2. Leningradskiy Promstroyproyekt (for Lorberg).
(Foundations)

KONNENKO, A.S., land.tekhn.nauk; PURYSKINA, A.A., inzh.; CHISTYAKOVA, E.K.,
inzh.

Floors for livestock buildings on a base of gypsum cement-
puzzuolanic binder. Stroim.mat. 10 no.12:36-37 D '64.

(MIRA 18:1)

PHASE I BOOK EXPLOITATION

SOV/4486

Beyzerman, D.Z., Engineer, I.M. Dzhioyev, Engineer, I.A. Gezentsvey, Engineer,
and L. Ye. Purygin, Engineer

Stroitel'stvo domennoy pechi ob'yemom 1,719 m³ (Building of a Blast Furnace of
a 1,719 m³ Volume) Moscow, Gosstroyizdat, 1960. 140 p. Errata slip inserted.
2,500 copies printed.

Scientific Ed.: N.K. Leonidov, Engineer; Ed. of Publishing House: Z.I. Vdovenko;
Tech. Ed.: P. Ye. Ryazanov.

PURPOSE: This book is intended for the personnel of construction organizations.
It may also be useful for designers and for students of civil engineering
schools of higher education.

COVERAGE: The authors present results of experience gained in building a blast
furnace having a 1,719 m³ volume at a metallurgical plant in the Ukrainskaya
SSR. Included are discussions of the basic design proposals for the construction
of the furnace, industrial methods used for the completion of different types of

Card 1/4

Building of a Blast Furnace (Cont.)

SOV/4486

work and of the whole project, possibilities of reducing the time required for the completion of building and prospects for reducing labor consumption and costs. No personalities are mentioned. There are 9 references, all Soviet.

TABLE OF CONTENTS:

PART I. THE BLAST FURNACE PLANT AND CONSTRUCTION CONDITIONS

Ch. I. Arrangement of the Plant and Description of Its Units	3
Ch. II. Conditions for Construction of the Plant	7

PART II. ORGANIZATION OF THE CONSTRUCTION OF THE PLANT

Ch. I. Preparation of the Construction Organization Plan	10
Ch. II. Measures Taken to Ensure [the Timely] Blowing-In of the Blast Furnace	11
1. Preparatory work	12
2. Completion of general construction work	16
3. Distribution of building and erection work among contractors	19
4. Supply of material and equipment	22

-Card 2/4

MAKHIN, P.F., kand. med. nauk; PUSANOVA, Ye.N.

Role of angiography in the diagnosis and treatment of sclerotic diseases of the extremities. Vest. rent. i rad. 40 no.3:45-47
My-Je '65. (MIRA 18:7)

1. Torukal'noye otdeleniye (zat. A.I. Valnevskiy) Poltavskoy
oblastnoy bol'nitsy.

(2)
RUMANIA

LEOVEANU, O.; PUSCA, V.; COCIASU, C.

Bucharest, Farmacia, No 7, Jul 63, pp 397-402

"Study Relating to N-acetyl-p-aminophenol."

PITSYK, I.M.; PURYGIN, L.Ye.

Construction of a large sintering plant in Krivoy Rog. Prom.
stoi. 39 no.10:31-38 0 '61. (MIRA 14:10)

1. Trest Krivorozhyuzhaglostroy.
(Krivoy Rog--Metallurgical plants)

PURYGIN, N.A., inzh.

Plan of work on the principal structures of the Chirkey
Hydroelectric Power Station. Gidr. stroi. 32 no.5:17-20
My 62. (MIRA 15:5)
(Chirkey Hydroelectric Power Station)

PURYSHEV, D.

We reduce the amount of worker production unit. Sov.profsoiuzy
6 no.13:25-27 0 '58. (MIRA 11:11)

1. Predsedatel' komiteta profsoyuza dizel'nogo tsekha Yaro-
slavskogo motornogo zavoda.
(Yaroslavl--Machinery industry)

PURICHEN, S. F.

Raschet oplaty truda na uborke yrozhaya kombaynami MTS (Calculation of wages of labor in the harvesting of crops with combines of machine and tractor service stations)
2 perer. izd. Moskva, Gosstatizdat, 1952
79 P. Tables.

N/5
762.2
.P9
1952

PURISHEV, S.P.

Raschet oplaty truda na uborke
urozhaia kombainami MTS (Calculation of wages
for work done in the harvest with combines of the
machine-tractor station). Izd. 2-e Moskva, Gos-
statizdat, 1962.

SD: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

PURYSHEV, S P

N/5
723.11
.P9

Sbornik Raschetnykh Tablits Dlya MTS
(Collection of Rate Tables for Machine and
Tractor Service Stations) Moskva, Gosstatizdat, 1954.

303 p. Tables.

PURYSHV, Sergei Petrovich

[A collection of calculation tables for machine-tractor stations; the determination of the percentage of the fulfillment of shift work norms, conversion of tractor operations and hectares plowed, computing fuel consumption according to tractor operation norms] Sbornik raschetnykh tablits dlia MTS; opredelenie protsenta vypolneniia smennykh norm vyrabotki, perevod traktornykh rabot i hektary uslovnoi pakhoty, ischislenie raskhoda goriuchego po normam na traktornye raboty. Moskva, Gosstatizdat, 1956. 286 p.

(MLRA 9:12)

(Machine-tractor stations)

PURYSHEV, S. P.

Sbornik raschetnykh tablits dlia mashino-traktornykh stantsii Computation tables
for machine-tractor stations. Gosstatizdat, 1952. 296 p.

SO: Monthly List of Russian Accessions. Vol. 6 No. 7 October 1950